

Wei Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2811007/publications.pdf>

Version: 2024-02-01

19
papers

553
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional chiral nematic cellulose nanocrystals/glycerol structural colored nanocomposites for intelligent responsive films, photonic inks and iridescent coatings. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5391-5400.	5.5	103
2	Facile preparation of reactive hydrophobic cellulose nanofibril film for reducing water vapor permeability (WVP) in packaging applications. <i>Cellulose</i> , 2019, 26, 3271-3284.	4.9	76
3	Stimuli-responsive cellulose paper materials. <i>Carbohydrate Polymers</i> , 2019, 210, 350-363.	10.2	55
4	Toward Anhydrous Proton Conductivity Based on Imidazole Functionalized Mesoporous Silica/Nafion Composite Membranes. <i>Electrochimica Acta</i> , 2015, 160, 185-194.	5.2	54
5	Reactive superhydrophobic paper from one-step spray-coating of cellulose-based derivative. <i>Applied Surface Science</i> , 2019, 497, 143816.	6.1	49
6	Superhydrophobic surfaces generated by one-pot spray-coating of chitosan-based nanoparticles. <i>Carbohydrate Polymers</i> , 2018, 195, 39-44.	10.2	40
7	Carboxymethylated nanocellulose-based gel polymer electrolyte with a high lithium ion transfer number for flexible lithium-ion batteries application. <i>Chemical Engineering Journal</i> , 2022, 428, 132604.	12.7	38
8	Green approach to facilely design hydrophobic aerogel directly from bagasse. <i>Industrial Crops and Products</i> , 2021, 172, 113957.	5.2	27
9	Improving moisture barrier properties of paper sheets by cellulose stearyl ester-based coatings. <i>Carbohydrate Polymers</i> , 2020, 235, 115924.	10.2	23
10	Enhanced proton conductivity of polymer electrolyte membrane doped with titanate nanotubes. <i>Colloid and Polymer Science</i> , 2010, 288, 1369-1374.	2.1	16
11	Developing bagasse towards superhydrophobic coatings. <i>Cellulose</i> , 2021, 28, 3617-3630.	4.9	16
12	Paper-based dual-mode liquid manipulation system: Oil/water separation and time-lapse droplet switch. <i>Chemical Engineering Journal</i> , 2022, 427, 131606.	12.7	12
13	Facile design of novel nanocellulose-based gel polymer electrolyte for lithium-ion batteries application. <i>Chemical Engineering Journal</i> , 2022, 445, 136568.	12.7	10
14	Reactive Water Vapor Barrier Coatings Derived from Cellulose Undecenoyl Esters for Paper Packaging. <i>Coatings</i> , 2020, 10, 1032.	2.6	9
15	Decorating titanate nanotubes with protonated 1,2,4-triazole moieties for anhydrous proton conduction. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 26-30.	9.4	8
16	Modulation of superhydrophobicity and self-binding strength of cellulose ester-based coating by changing the degree of substitution. <i>Journal of Materials Science</i> , 2021, 56, 5924-5935.	3.7	6
17	Design of antibacterial cellulose nanofibril film by the incorporation of guanidine-attached lignin nanoparticles. <i>Cellulose</i> , 2022, 29, 3439-3451.	4.9	5
18	Surface attachment of protonated polyimidazolium monolayer on titanate nanotubes as a novel proton conductor. <i>Journal of Materials Science</i> , 2018, 53, 15784-15794.	3.7	4

#	ARTICLE	IF	CITATIONS
19	Design of high performance fluorescent probe-based test strips for hydrogensulfite determination by chemical grafting. <i>Talanta</i> , 2022, 243, 123334.	5.5	2